Theodore C White

List of Publications by Year
in descending order

78 papers	10,529 citations	57758 44 h-index	76900 74 g-index
81 all docs	81 docs citations	81 times ranked	9843 citing authors

#	Article	IF	Citations
1	Hidden Killers: Human Fungal Infections. Science Translational Medicine, 2012, 4, 165rv13.	12.4	3,368
2	Clinical, Cellular, and Molecular Factors That Contribute to Antifungal Drug Resistance. Clinical Microbiology Reviews, 1998, 11, 382-402.	13.6	1,180
3	Candidemia in Allogeneic Blood and Marrow Transplant Recipients: Evolution of Risk Factors after the Adoption of Prophylactic Fluconazole. Journal of Infectious Diseases, 2000, 181, 309-316.	4.0	531
4	Resistance Mechanisms in Clinical Isolates of <i>Candida albicans</i>. Antimicrobial Agents and Chemotherapy, 2002, 46, 1704-1713.	3.2	447
5	The evolution of drug resistance in clinical isolates of Candida albicans. ELife, 2015, 4, e00662.	6.0	268
6	Three small RNAs within the 10 kb trypanosome rRNA transcription unit are analogous to Domain VII of other eukaryotic 28S rRNAs. Nucleic Acids Research, 1986, 14, 9471-9489.	14.5	245
7	Distinct Patterns of Gene Expression Associated with Development of Fluconazole Resistance in Serial <i>Candida albicans</i> Isolates from Human Immunodeficiency Virus-Infected Patients with Oropharyngeal Candidiasis. Antimicrobial Agents and Chemotherapy, 1998, 42, 2932-2937.	3.2	211
8	Comparative Genome Analysis of <i>Trichophyton rubrum</i> and Related Dermatophytes Reveals Candidate Genes Involved in Infection. MBio, 2012, 3, e00259-12.	4.1	211
9	Role of Candida albicans Transcription Factor Upc2p in Drug Resistance and Sterol Metabolism. Eukaryotic Cell, 2004, 3, 1391-1397.	3.4	200
10	Comparative and functional genomics provide insights into the pathogenicity of dermatophytic fungi. Genome Biology, 2011, 12, R7.	9.6	181
11	Single-Nucleotide Polymorphisms (SNPs) in Human Î²-Defensin 1: High-Throughput SNP Assays and Association with <i>Candida</i> Carriage in Type I Diabetics and Nondiabetic Controls. Journal of Clinical Microbiology, 2003, 41, 90-96.	3.9	176
12	In Vivo Analysis of Secreted Aspartyl Proteinase Expression in Human Oral Candidiasis. Infection and Immunity, 1999, 67, 2482-2490.	2.2	171
13	Rapid, Transient Fluconazole Resistance in <i>Candida albicans</i> Is Associated with Increased mRNA Levels of <i>CDR</i>. Antimicrobial Agents and Chemotherapy, 1998, 42, 2584-2589.	3.2	164
14	Development of Fluconazole Resistance in<i>Candida albicans</i>Causing Disseminated Infection in a Patient Undergoing Marrow Transplantation. Clinical Infectious Diseases, 1997, 25, 908-910.	5.8	143
15	The Trailing End Point Phenotype in Antifungal Susceptibility Testing Is pH Dependent. Antimicrobial Agents and Chemotherapy, 1999, 43, 1383-1386.	3.2	135
16	Overexpression or Deletion of Ergosterol Biosynthesis Genes Alters Doubling Time, Response to Stress Agents, and Drug Susceptibility in <i>Saccharomyces cerevisiae</i>. MBio, 2018, 9, .	4.1	135
17	Fungi on the Skin: Dermatophytes and Malassezia. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a019802-a019802.	6.2	134
18	The R467K Amino Acid Substitution in <i>Candida albicans</i> Sterol 14Î±-Demethylase Causes Drug Resistance through Reduced Affinity. Antimicrobial Agents and Chemotherapy, 2000, 44, 63-67.	3.2	117

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19	Inducible Azole Resistance Associated with a Heterogeneous Phenotype in Candida albicans. Antimicrobial Agents and Chemotherapy, 2001, 45, 52-59.	3.2	104
20	Mutations in <i>TAC1B</i> : a Novel Genetic Determinant of Clinical Fluconazole Resistance in Candida auris. MBio, 2020, 11, .	4.1	101
21	Studies of the paradoxical effect of caspofungin at high drug concentrations. Diagnostic Microbiology and Infectious Disease, 2005, 51, 173-178.	1.8	99
22	Discovery of Cryptic Polyketide Metabolites from Dermatophytes Using Heterologous Expression in <i>Aspergillus nidulans</i>. ACS Synthetic Biology, 2013, 2, 629-634.	3.8	99
23	Azole Drugs Are Imported By Facilitated Diffusion in Candida albicans and Other Pathogenic Fungi. PLoS Pathogens, 2010, 6, e1001126.	4.7	96
24	An A643V Amino Acid Substitution in Upc2p Contributes to Azole Resistance in Well-Characterized Clinical Isolates of <i>Candida albicans</i>. Antimicrobial Agents and Chemotherapy, 2011, 55, 940-942.	3.2	94
25	Homozygosity at the Candida albicans MTL locus associated with azole resistance. Microbiology (United Kingdom), 2002, 148, 1061-1072.	1.8	90
26	Generating and Testing Molecular Hypotheses in the Dermatophytes. Eukaryotic Cell, 2008, 7, 1238-1245.	3.4	78
27	Transcriptional Analyses of Antifungal Drug Resistance in Candida albicans. Antimicrobial Agents and Chemotherapy, 2000, 44, 2296-2303.	3.2	75
28	Dermatophyte Virulence Factors: Identifying and Analyzing Genes That May Contribute to Chronic or Acute Skin Infections. International Journal of Microbiology, 2012, 2012, 1-8.	2.3	73
29	Comparison of Sterol Import under Aerobic and Anaerobic Conditions in Three Fungal Species, Candida albicans, Candida glabrata, and Saccharomyces cerevisiae. Eukaryotic Cell, 2013, 12, 725-738.	3.4	73
30	Effects of Azole Antifungal Drugs on the Transition from Yeast Cells to Hyphae in Susceptible and Resistant Isolates of the Pathogenic Yeast <i>Candida albicans</i>. Antimicrobial Agents and Chemotherapy, 1999, 43, 763-768.	3.2	72
31	Organization and Evolutionary Trajectory of the Mating Type (<i>MAT</i>) Locus in Dermatophyte and Dimorphic Fungal Pathogens. Eukaryotic Cell, 2010, 9, 46-58.	3.4	71
32	Induction of Resistance to Azole Drugs in Trypanosoma cruzi. Antimicrobial Agents and Chemotherapy, 1998, 42, 3245-3250.	3.2	68
33	A Combination Fluorescence Assay Demonstrates Increased Efflux Pump Activity as a Resistance Mechanism in Azole-Resistant Vaginal Candida albicans Isolates. Antimicrobial Agents and Chemotherapy, 2016, 60, 5858-5866.	3.2	64
34	Zinc Finger Transcription Factors Displaced SREBP Proteins as the Major Sterol Regulators during Saccharomycotina Evolution. PLoS Genetics, 2014, 10, e1004076.	3.5	63
35	A Foot in the Door for Dermatophyte Research. PLoS Pathogens, 2012, 8, e1002564.	4.7	61
36	Tetracycline alters drug susceptibility in Candida albicans and other pathogenic fungi. Microbiology (United Kingdom), 2008, 154, 960-970.	1.8	58

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37	Antifungal activity of fluconazole in combination with lovastatin and their effects on gene expression in the ergosterol and prenylation pathways inCandida albicans. Medical Mycology, 2003, 41, 417-425.	0.7	57
38	Drug-Induced Regulation of the MDR1 Promoter in Candida albicans. Antimicrobial Agents and Chemotherapy, 2005, 49, 2785-2792.	3.2	57
39	The Candida albicans Lanosterol 14-Î±-Demethylase (ERG11) Gene Promoter Is Maximally Induced after Prolonged Growth with Antifungal Drugs. Antimicrobial Agents and Chemotherapy, 2004, 48, 1136-1144.	3.2	56
40	Medically important fungi respond to azole drugs: an update. Future Microbiology, 2015, 10, 1355-1373.	2.0	56
41	<i>cis</i> -Acting Elements within the <i>Candida albicans ERG11</i> Promoter Mediate the Azole Response through Transcription Factor Upc2p. Eukaryotic Cell, 2007, 6, 2231-2239.	3.4	53
42	RNA end-labeling and RNA ligase activities can produce a circular rRNA in whole cell extracts from trypanosomes. Nucleic Acids Research, 1987, 15, 3275-3290.	14.5	49
43	RNA dependent RNA polymerase activity associated with the double-stranded RNA virus ofGiardia lamblia. Nucleic Acids Research, 1990, 18, 553-559.	14.5	48
44	Whole-Genome Analysis Illustrates Global Clonal Population Structure of the Ubiquitous Dermatophyte Pathogen <i>Trichophyton rubrum</i>. Genetics, 2018, 208, 1657-1669.	2.9	48
45	Pharmacokinetics of Posaconazole Within Epithelial Cells and Fungi: Insights Into Potential Mechanisms of Action During Treatment and Prophylaxis. Journal of Infectious Diseases, 2013, 208, 1717-1728.	4.0	45
46	Genetic basis of antifungal drug resistance. Current Fungal Infection Reports, 2009, 3, 163-169.	2.6	43
47	Azole resistance in a Candida albicans mutant lacking the ABC transporter CDR6/ROA1 depends on TOR signaling. Journal of Biological Chemistry, 2018, 293, 412-432.	3.4	42
48	In vitro antifungal activity of BMS-207147 and itraconazole against yeast strains that are non-susceptible to fluconazole. Diagnostic Microbiology and Infectious Disease, 1999, 35, 163-167.	1.8	39
49	Sequenced dermatophyte strains: Growth rate, conidiation, drug susceptibilities, and virulence in an invertebrate model. Fungal Genetics and Biology, 2011, 48, 335-341.	2.1	38
50	Cytoplasmic localization of sterol transcription factors Upc2p and Ecm22p in S. cerevisiae. Fungal Genetics and Biology, 2008, 45, 1430-1438.	2.1	37
51	RAM2: an essential gene in the prenylation pathway of Candida albicans. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	35
52	Candida albicans UPC2 is transcriptionally induced in response to antifungal drugs and anaerobicity through Upc2p-dependent and -independent mechanisms. Microbiology (United Kingdom), 2008, 154, 2748-2756.	1.8	35
53	Azole Drug Import into the Pathogenic Fungus Aspergillus fumigatus. Antimicrobial Agents and Chemotherapy, 2015, 59, 3390-3398.	3.2	30
54	The <i>UPC2</i> Promoter in Candida albicans Contains Two <i>cis</i> -Acting Elements That Bind Directly to Upc2p, Resulting in Transcriptional Autoregulation. Eukaryotic Cell, 2010, 9, 1354-1362.	3.4	29

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55	Dermatophytes Activate Skin Keratinocytes via Mitogen-Activated Protein Kinase Signaling and Induce Immune Responses. Infection and Immunity, 2015, 83, 1705-1714.	2.2	29
56	Alternative Processing of Sequences During Macronuclear Development inTetrahymena thermophila1. Journal of Protozoology, 1986, 33, 30-38.	0.8	24
57	Characterization of the Efflux Capability and Substrate Specificity of Aspergillus fumigatus PDR5-like ABC Transporters Expressed in Saccharomyces cerevisiae. MBio, 2020, 11, .	4.1	23
58	Highly Purified Micro- and Macronuclei fromTetrahymena thermophilaIsolated by Percoll Gradients1. Journal of Protozoology, 1983, 30, 21-30.	0.8	22
59	The yeast <i>Saccharomyces cerevisiae</i> Pdr16p restricts changes in ergosterol biosynthesis caused by the presence of azole antifungals. Yeast, 2013, 30, 229-241.	1.7	22
60	Micafungin activity against Candida albicans with diverse azole resistance phenotypes. Journal of Antimicrobial Chemotherapy, 2008, 62, 349-355.	3.0	19
61	Eliminated sequences with different copy numbers clustered in the micronuclear genome of Tetrahymena thermophila. Molecular Genetics and Genomics, 1985, 201, 65-75.	2.4	14
62	Drug-mediated metabolic tipping between antibiotic resistant states in a mixed-species community. Nature Ecology and Evolution, 2018, 2, 1312-1320.	7.8	14
63	Accumulation of Azole Drugs in the Fungal Plant Pathogen Magnaporthe oryzae Is the Result of Facilitated Diffusion Influx. Frontiers in Microbiology, 2017, 8, 1320.	3.5	13
64	Characterization of caspofungin susceptibilities by broth and agar inCandidaalbicansclinical isolates with characterized mechanisms of azole resistance. Medical Mycology, 2008, 46, 231-239.	0.7	12
65	Hairpin dsRNA does not trigger RNA interference in <i>Candida albicans</i> cells. Yeast, 2011, 28, 1-8.	1.7	12
66	Dermatophytes. Current Biology, 2013, 23, R551-R552.	3.9	12
67	The role of Candida albicans homologous recombination factors Rad54 and Rdh54 in DNA damage sensitivity. BMC Microbiology, 2011, 11, 214.	3.3	10
68	Rearrangement of the 5S ribosomal RNA gene clusters during the development and replication of the macronucleus inTetrahymena thermophila. Genesis, 1984, 5, 181-200.	2.1	9
69	Polyene susceptibility is dependent on nitrogen source in the opportunistic pathogen Candida albicans. Journal of Antimicrobial Chemotherapy, 2008, 61, 1302-1308.	3.0	7
70	Molecular Principles of Antifungal Drug Resistance. , 0, , 197-212.		7
71	The Ins and Outs of Azole Antifungal Drug Resistance: Molecular Mechanisms of Transport. , 2017, , 423-452.		6
72	Macronuclear persistence of sequences normally eliminated during development inTetrahymena thermophila. Genesis, 1985, 6, 113-132.	2.1	5

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73	The Ins and Outs of Azole Antifungal Drug Resistance: Molecular Mechanisms of Transport. , 2014, , 1-27.		3
74	Unmasking of CgYor1-Dependent Azole Resistance Mediated by Target of Rapamycin (TOR) and Calcineurin Signaling in Candida glabrata. MBio, 2022, 13, e0354521.	4.1	3
75	Inositol Phosphoryl Transferase, Ipt1, Is a Critical Determinant of Azole Resistance and Virulence Phenotypes in Candida glabrata. Journal of Fungi (Basel, Switzerland), 2022, 8, 651.	3.5	3
76	R.A. Calderone, ed. Candida and Candidiasis.. Mycopathologia, 2004, 157, 389-390.	3.1	1
77	TheCandida albicansmating type like locus [MTL] is not involved in chlamydospore formation. Medical Mycology, 2006, 44, 677-681.	0.7	1
78	Antifungal Drug Resistance: Pumps and Permutations. , 2004, , 319-337.		1